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October 27, 2005
Project No. 61801

Mr. Scott Smale
Bureau of Corrective Actions
901 South Stewart Street, Suite 4001
Carson City, NV 89701

SUBJECT: **Cornerstone Redevelopment Brownfields**
Phase II Site Investigation
September 2005 Quarterly Sampling
Henderson, Nevada

Dear Mr. Smale:

Kleinfelder, Inc. (Kleinfelder) is pleased to present the quarterly sampling report for September 2005 for the above-referenced site. The field sampling activities and laboratory analyses were performed per the original project Sampling and Analysis Plan (SAP) dated May 27, 2004 and the draft Sampling and Analysis Plan Amendment dated October 12, 2005. Field work was conducted in accordance with the site-specific Health and Safety Plan (HASP) revised and included as part of the amended SAP on October 12, 2005.

SITE BACKGROUND

Site Location and Background

The subject property is located on the northwest corner of the intersection of Stephanie Street and Wigwam Parkway in Henderson, Nevada, as shown on Figure 1 (Site Location Map) and consists of the following five parcels:

APN	Acres
178-16-601-003	25.69
178-16-601-004	18.60
178-16-710-002	24.29
178-16-501-001	29.19
178-16-510-002	2.83
Total acres	100.60

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Based on historical information, surface water and groundwater at the site is impacted by perchlorate. The perchlorate contamination was discovered during soil, groundwater, and surface water sampling done by Brown and Caldwell in October 2000. Their report (dated 2001) indicated that the concentration of perchlorate was as high as 190 µg/kg in the soil, 510 µg/L in the groundwater, and 71 µg/L in the surface water. In 2004, the Nevada Division of Environmental Protection (NDEP) contracted Ninyo & Moore to perform a Phase II Environmental Site Assessment. The results of their report indicated the concentration of perchlorate was as high as 750 µg/kg in the soil, and had dropped to 85 µg/L in the groundwater and 39 µg/L in the surface water. Ninyo & Moore noted the reduction of perchlorate concentrations in the groundwater and surface water were likely due to the removal of the perchlorate source and concentrations should continue to decrease over time as the water gradually migrates off the subject property. However, they recommended groundwater and surface water on the property be monitored on a semi-annual or annual basis to ensure the perchlorate levels continue to decrease.

Kleinfelder submitted a scope-of-work and cost estimate to perform the quarterly sampling dated September 21, 2005 (Proposal No. 31-YP5374R). The scope-of-work was prepared in accordance with the Sampling and Analysis Plan (SAP) dated May 27, 2004 prepared by Ninyo & Moore and the SAP amendment dated October 12, 2005 prepared by Kleinfelder. Work was authorized by the NDEP in a letter dated September 27, 2005 (NDEP Contract No. 06-015).

Regional Geology

The Las Vegas Valley is a topographic basin located in southern Nevada in the Basin and Range Physiographic Province in a transitional area between the "younger" Great Basin of Nevada and Utah and the "older" Basin and Range topography of Arizona and California. The Las Vegas Valley is bounded on the west by the Spring Mountains, on the north by the Desert Sheep and Las Vegas Ranges, on the east by the Frenchman and Sunrise Mountains, and on the south by the River Mountains and McCullogh Range. The mountains to the north, east, and west consist primarily of Paleozoic and Mesozoic sedimentary rocks. The mountains to the south consist of predominately of Tertiary volcanic rocks overlying Precambrian metamorphic and granitic rocks.

Reference: Longwell, et al, 1965.

Hydrogeology

The central portion of the subject property consists of a lake, pond, and slough (see Figure 2). There is a concrete culvert that enters the southern margin of the lake under Wigwam Parkway and a drainage culvert that enters the northeastern margin of the pond in the northern portion of the site.

Most of the groundwater in the Las Vegas Valley is derived from the alluvial soils in the Basin Fill and Muddy Creek Formation. Natural groundwater flow in the Las Vegas Valley is generally toward the Las Vegas Wash to the northeast; however, groundwater pumping and areas of caliche beds can locally alter flow directions.

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Historical mining operations on the subject property have lowered the topography considerably. The presence of the lake and pond on the subject property indicates the water table locally intersects the land surface at the site.

SCOPE OF WORK

Groundwater Sampling

On September 29, 2005, six monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6) at the site (see Figure 3) were measured for depth to groundwater, purged of no less than three well volumes, measured for consistent pH, temperature, and electrical conductivity with a Horiba water quality meter, and sampled. Once the water quality parameters indicated consistent readings and after three well volumes were purged, groundwater samples were collected.

Clean, disposable polyethylene bailers were used to collect groundwater samples from each monitoring well. Each sample was placed into laboratory-provided containers and then labeled with the monitoring well number, matrix type, and sample number, consistent with the labeling format described in the SAP and used previously by Ninyo & Moore (see Table 1). The samples were then immediately placed into secure, ice-filled chests. The samples were recorded on an EPA-approved chain-of-custody form and transported to the Del Mar Analytical office in Las Vegas, and subsequently to the Del Mar Analytical laboratory in Phoenix, Arizona for testing of perchlorate, chloride, nitrate-N, sulfate, and TDS, and to the Sierra Environmental laboratory in Reno for testing of chlorate.

Purged water from the monitoring wells and decontamination rinsate water was placed on-site into a 55-gallon polyethylene drum. H2O Environmental Services of Las Vegas picked up the stored water at the site for disposal.

Surface Water Sampling

On September 29, 2005, seven surface water samples were collected from three sample locations in the lake (W-1, W-2, and W-3) and one sample location in the pond (W-4). Surface water samples were collected from two feet below the surface at all four locations by submerging a sample container to the proper depth and opening the container. Surface water samples were collected from 10 feet below the surface from the three locations in the lake by using a Kemmerer-type bomb sampler. The bomb sampler was decontaminated after each sample collection to prevent cross-contamination.

Each sample was labeled with the surface water sampling location, matrix type, sample depth, and sample number, consistent with the labeling format described in the SAP and previously used by Ninyo & Moore (see Table 1). The samples were then immediately placed into a secure, ice-filled chest. The samples were recorded on an EPA-approved chain-of-custody form and transported to the Del Mar Analytical office in Las Vegas, and subsequently to the Del Mar Analytical laboratory in Phoenix, Arizona

for testing of perchlorate, chloride, nitrate-N, sulfate, and TDS, and to the Sierra Environmental laboratory in Reno for testing of chlorate. Decontamination rinsate water was placed in the same 55-gallon polyethylene drum mentioned above.

Field Quality Control Sampling

Duplicate water samples were collected from monitoring well MW-3 and surface water sample W-1 at the two foot sample location. The duplicate water samples were labeled MW7-GW-7 and W6-SW-2-9 respectively in order to ensure the blind nature of the samples at the lab. Duplicate water samples were collected using the same fore mentioned methods of water sampling.

One equipment blank sample was collected from the surface water collection equipment. The equipment blank was obtained by passing deionized, filtered water over the bomb sampler used, and collecting, packaging, and labeling the sample using the same fore mentioned methods of surface water sampling. The equipment blank water sample was labeled W5-SW-2-8 in order to ensure the blind nature of the sample at the lab.

DISCUSSION

Groundwater

A summary of perchlorate concentrations from groundwater samples is presented in Table 2. Perchlorate concentrations in each of the six monitoring wells exceeded the Nevada Public Notice Standard of 18 µg/l. The perchlorate concentrations do not appear to display a trend of increasing concentration throughout the site. The concentrations range from 28 µg/l at monitoring well MW-5 to 64 µg/l at monitoring well MW-6. The highest concentration of perchlorate in groundwater during this survey is approximately 75 percent of the highest perchlorate concentration reported by Ninyo & Moore in January 2005, and 13 percent of the highest perchlorate concentration reported by Brown and Caldwell in 2000. This indicates that the overall perchlorate concentrations are decreasing over time.

A summary of water quality analyte concentrations is presented in Table 3. Chlorate concentrations in groundwater are less than the laboratory reporting limit of 0.5 mg/l in all samples. Concentrations of chloride, sulfate, and TDS exceeded drinking water standards of 250 mg/l, 250 mg/l, and 500 mg/l respectively in all groundwater samples, and nitrate concentrations exceeded the maximum contaminant level (MCL) of 10 mg/l in monitoring wells MW-1, MW-4, and MW-6. These results were similar in comparison to the January 2005 results.

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Surface Water

A summary of perchlorate concentrations from surface water samples is presented in Table 2. Perchlorate concentrations in each surface water sample exceeded the Nevada Public Notice Standard of 18 µg/l. Perchlorate concentrations were consistent and lower than the concentrations reported in the monitoring wells. The concentrations range from 19 µg/l at surface water location W-4 (the pond), to 24 µg/l at surface water location W-1 at 10 feet below the surface. The highest concentration of perchlorate in the surface water during this survey is approximately 62 percent of the highest perchlorate concentration reported by Ninyo & Moore in March 2005, and 34 percent of the highest perchlorate concentration reported by Brown and Caldwell in 2000.

A summary of water quailty analyte concentrations is presented in Table 3. Chlorite concentrations in the surface water on the subject property are less than the laboratory reporting limit of 0.5 mg/l in all samples, and nitrate concentrations did not exceed the maximum contaminant level (MCL) of 10 mg/l. Concentrations of chloride, sulfate, and TDS exceeded the drinking water standards of 250 mg/l, 250 mg/l, and 500 mg/l respectively in all surface water samples.

RECOMMENDATIONS

Perchlorate concentrations in the groundwater and surface water at the subject property exceeded the Nevada Public Notice Standard of 18 µg/l. However, these concentrations represent reductions in perchlorate concentrations of up to 24 percent for groundwater and 38 percent for surface water from the concentrations reported by Ninyo & Moore in early 2005, and up to 87 percent for groundwater and 66 percent for surface water from the concentrations reported by Brown and Caldwell in October 2000. Perchlorate concentrations in the groundwater should continue to diminish over time as the groundwater is gradually transported off the site. Kleinfelder recommends continued quarterly monitoring to assess the progress of diminishing perchlorate concentrations.

LIMITATIONS

This groundwater monitoring report is based on the field observations made by Kleinfelder personnel and laboratory analytical data obtained from Del Mar Analytical. The services performed by Kleinfelder were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in Nevada. No warranty, express or implied, is made.

This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both onsite and offsite) or other factors may change over time, and additional work may be required with the passage of time. Any party other than the client who wishes to use this report shall notify Kleinfelder of such intended use. Based on the intended use of the report, Kleinfelder may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party.

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CLOSING

If you have any questions or comments, or should you require more information, please call Gary Carter at (702) 736-2936. We appreciate the opportunity to work with you on this project.

Respectfully submitted,

KLEINFELDER, INC.

Lisa Warren
Staff Professional

Gary A. Carter, P.E., C.E.M.
Project Manager
Nevada Environmental Manager #1909
Expires January 26, 2007

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances.

LMW/map

Enclosures:
- Figure 1: Site Location Map
- Figure 2: Site Plan
- Figure 3: Sampling Locations
- Table 1: Sample Identification
- Table 2: Summary of Analytical Results: PCE
- Table 3: Summary of Analytical Results: Water Quality Parameters
- Appendix A: Laboratory Analytical Reports
- Appendix B: Groundwater Sampling Field Notes

CC: Mr. Todd Croft, Bureau of Corrective Actions, 1771 E. Flamingo Rd, Ste 121-A, Las Vegas, NV 89119-0837

Ms. Brenda Pohlmann, City of Henderson, 240 Water Street Henderson, NV 89009-5050

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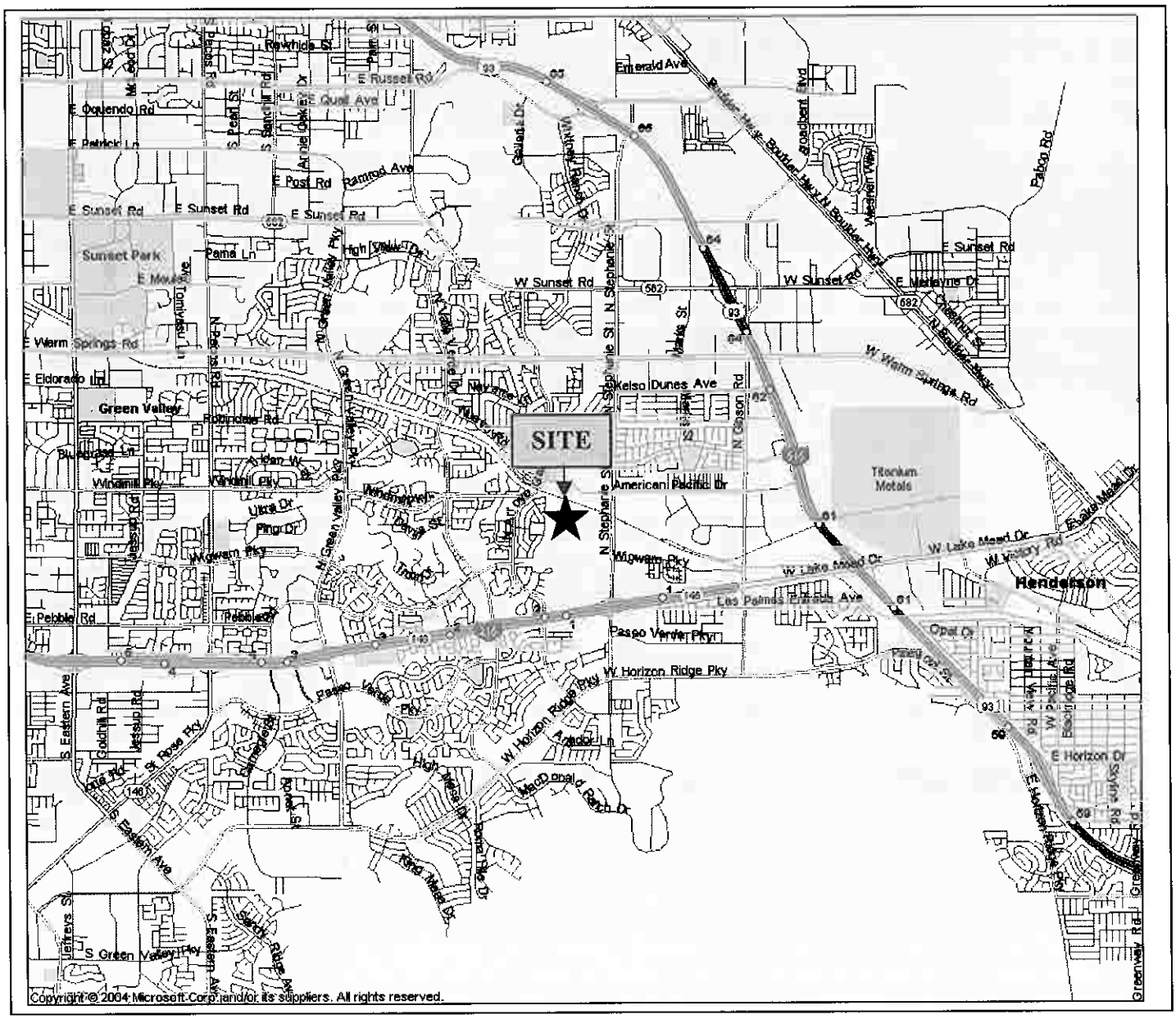

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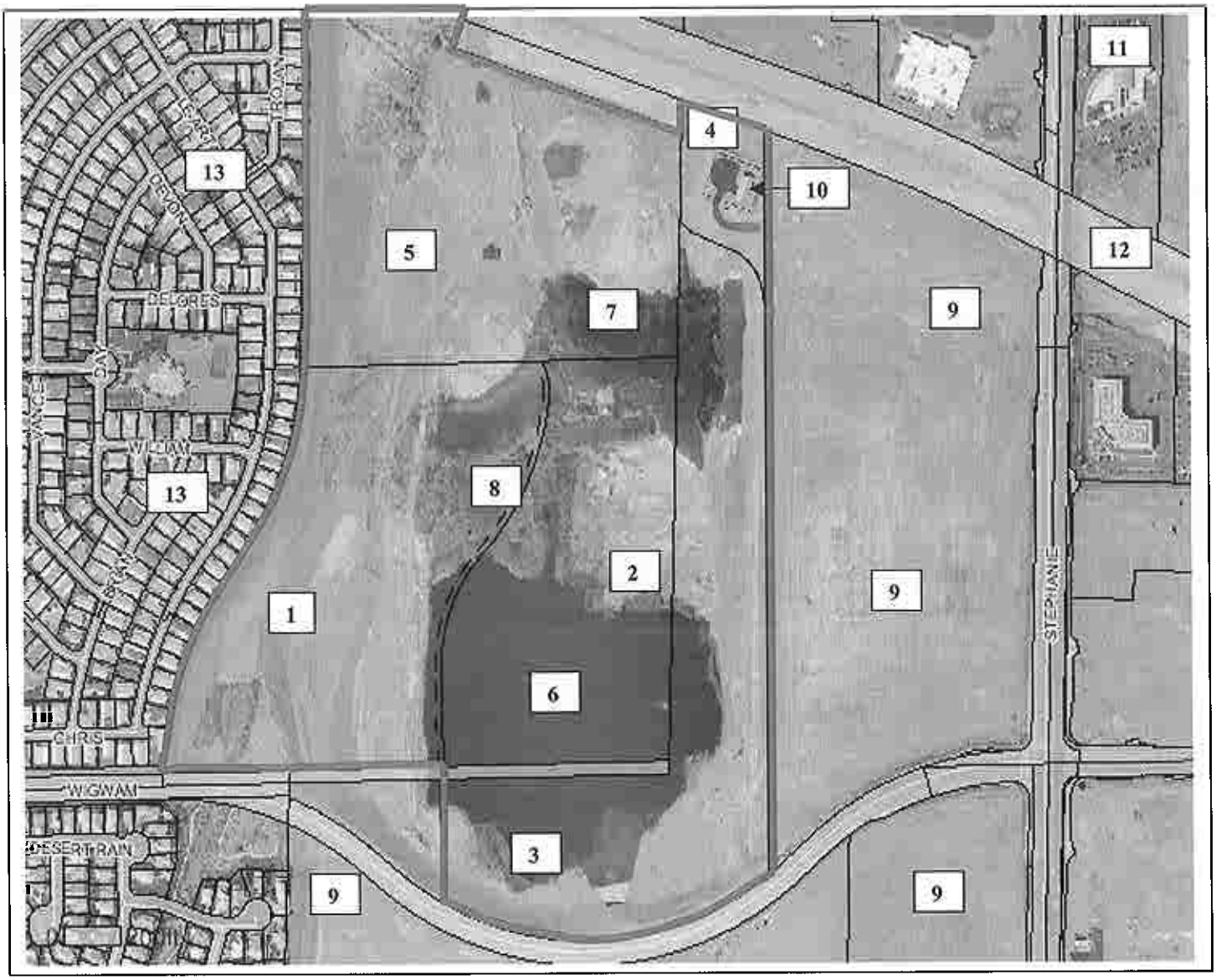
SITE LOCATION MAP

CORNERSTONE REDEVELOPMENT AREA
HENDERSON, NEVADA

Figure
1

PROJECT NO.: 61801



Reference: 2005 Clark County Tax Assessor Website

LEGEND

1 **Parcel 178-16-601-003**
2 **Parcel 178-16-601-004**
3 **Parcel 178-16-710-002**
4 **Parcel 178-16-510-002**
5 **Parcel 178-16-501-001**
6 **Site Lake**
7 **Site Pond**
8 **Slough**
9 **Vacant Land**
10 **City of Henderson Pumping Station**
11 **Dept. of Motor Vehicles**
12 **UPRR Right-of-Way**
13 **Residential Properties**
14 **Boundaries of Subject Site**

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SITE PLAN

CORNERSTONE REDEVELOPMENT AREA
HENDERSON, NEVADA

Figure
2

LEGEND

- ● **Groundwater Monitoring Wells**
- ⬡ **Surface Water Sample Points**
- — **Boundaries of Subject Site**

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SAMPLE LOCATION MAP

CORNERSTONE REDEVELOPMENT AREA
HENDERSON, NEVADA

Figure
3

PROJECT NO.: 61801

Table 1
Sample Identification

Sample Location	Sample Identification	
	Field	Laboratory
MW-1	MW1-GW-1	POI0822-01
MW-2	MW2-GW-2	POI0822-02
MW-3	MW3-GW-3	POI0822-03
MW-3	MW7-GW-7 *	POI0822-07
MW-4	MW4-GW-4	POI0822-04
MW-5	MW5-GW-5	POI0822-05
MW-6	MW6-GW-6	POI0822-06
W-1, 2 ft.	W1-SW-2-1	POI0822-08
W-1, 2 ft.	W6-SW-2-9 *	POI0822-15
W-1, 10 ft.	W1-SW-10-2	POI0822-09
W-2, 2 ft.	W2-SW-2-3	POI0822-10
W-2, 10 ft.	W2-SW-10-4	POI0822-11
W-3, 2 ft.	W3-SW-2-5	POI0822-12
W-3, 10 ft.	W3-SW-10-6	POI0822-13
W-4, 2 ft.	W4-SW-2-7	POI0822-14
-	W5-SW-2-8 **	POI0822-16

NOTES
* Field Duplicate
** Equipment Blank
\- Not Applicable

Table 2
Summary of Analytical Results for PCE

Sample Date	Perchlorate (µg/L)						
	MW-1	MW-2	MW-3	MW-3	MW-4	MW-5	MW-6
	MW1-GW-1	MW2-GW-2	MW3-GW-3	MW7-GW-7	MW4-GW-4	MW5-GW-5	MW6-GW-6
Jan-05	60	85	59	57	55	33	74
Sep-05	55	30	56	54	45	28	64

Sample Date	Perchlorate (µg/L)								
	W-1	W-1	W-1	W-2	W-2	W-3	W-3	W-4	Equip.Blank
	W1-SW-2-1	W6-SW-2-9	W1-SW-10-2	W2-SW-2-3	W2-SW-10-4	W3-SW-2-5	W3-SW-10-6	W4-SW-2-7	W5-SW-2-8
Mar-05	37	39	37	38	37	38	37	38	< 2.0
Sep-05	20	22	24	22	23	23	21	19	ND

NOTES:
µg/L = micrograms per liter
ND = Not Detected above the laboratory reporting limits

Table 3
Summary of Analytical Results for Water Quality Parameters

Analyte mg/L	MW-1	MW-2	MW-3	MW-3	MW-4	MW-5	MW-6
	MW1-GW-1	MW2-GW-2	MW3-GW-3	MW7-GW-7	MW4-GW-4	MW5-GW-5	MW6-GW-6
Chlorate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloride	460	290	280	330	510	350	420
Nitrate – N	15	1.7	5.2	5.1	12	2.5	17
Sulfate	1400	1700	560	660	920	2100	2300
TDS	3200	3400	1700	1700	2400	3900	4200

Analyte mg/L	W-1	W-1	W-1	W-2	W-2	W-3	W-3	W-4	Equip.Blank
	W1-SW-2-1	W6-SW-2-9	W1-SW-10-2	W2-SW-2-3	W2-SW-10-4	W3-SW-2-5	W3-SW-10-6	W4-SW-2-7	W5-SW-2-8
Chlorate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloride	260	260	260	260	270	270	260	300	ND
Nitrate - N	5.3	5.3	5.3	5.8	5.5	5.6	5.3	3.8	ND
Sulfate	1800	1800	1800	1800	1800	1800	1800	1700	0.86
TDS	3200	3200	3200	3200	3200	3200	3200	3300	ND

NOTES:
mg/L = milligrams per liter
ND = Not Detected above the laboratory reporting limits

APPENDIX A

Groundwater Sampling Field Data Sheet

Project Name: CORNERSTONE
Project No.: 61801
Monitoring Well ID: MW-1
Date: 9/29/2005
Weather/Site Conditions:
Site Location: HENDERSON, NV
By: GC/LW

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): (A) 21.71
Total Depth (ft-TOC): (B) 5.25
LNAPL Observed ☐ Yes ☒ No
LNAPL Thickness
DNAPL Observed ☐ Yes ☒ No
DNAPL Thickness
2"/8¼" = 0.78 g/ft = (D)
4"/9" = 1.33 G/FT = (D)
4"/8¼" = 1.19 G/FT = (D)
4"/10¼" = 1.51 G/FT = (D)
A - B = C
Water Column Height (feet) (C) 16.46
Distance between TOC and ground surface = (+/-)
x 1.5 = (E)
(1 borehole volume)
(1.5 borehole volume)
Approx. Min. Purge Vol. (gallons)

Water Level Measurement Equip.: ☐ Heron H. 01L 150' ☐ Water Line ☐ Heron Dipper T Cleaned
Purging Method/Equipment: ☐ xp-100 Pump ☐ Quickie Bailer ☒ Hand Bailer Cleaned N/A

Sampling Equipment: Bailer ☒ PVC ☐ SS ☐ Low Flow ☐ Pumps ☐ Dedicated/Non-dedicated ☐ Peristaltic Pump

Sampling Method/Equipment: DISPOSABLE BAILER
Bailer Rope-New or cleaned?: NEW
Sampled By: GC/LW
Sample Time: 11:05 am
Sample ID: MW1-GW-1

PARAMETER	USEPA METHOD	CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic	PRESERVATIVES

Time (24 hr)	PURGE VOL. (gallons)	pH	COND. (µS/cm) S/m	TURBIDITY (NTU)	TEMP. (µS/cm) °C	DO	SALINITY	Comments (color, odor, sheen, etc.)
10:52	2.6	6.48	0.430	856	27			
10:56	5.1	6.63	0.412	-5.0	26.3			
11:02	8.5	6.67	0.40	-5.0	27.4			

Depth to Water After Purging (ft) = (F)

TIME (24 HR)	DEPTH TO WATER (ft)	RESIDUAL DRAWDOWN (ft)	PERCENT RECOVERY
T_1 10:45	G_1 5.25	H_1	I_1
T_2 10:52	G_2 5.79	H_2	I_2
T_3 10:56	G_3 5.90	H_3	I_3
T_4 11:05	G_4 5.92	H_4	I_4

Total Vol. Purged (gal): 8.5
Max. Drawdown: (J)
Time Finished Purging:

$A - B = C$; $G_x - B = H_x$; $F - B = J$; $\frac{H_x}{r} - 1 \times 100 = I_x$; $\frac{I_x - I_1}{T_x - T_1} \times 120 =$ % recovery in 2 hrs.

Groundwater Sampling Field Data Sheet

Project Name: CORNERSTONE
Project No.: 61801
Monitoring Well ID: MW-2
Date: 9/29/2005 By: GC/LW
Weather/Site Conditions:
Site Location: HENDERSON, NV

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): (A) 34.61
Total Depth (ft-TOC): (B) 18.90
LNAPL Observed ☐ Yes ☒ No
LNAPL Thickness
DNAPL Observed ☐ Yes ☒ No
DNAPL Thickness
2"/8¼" = 0.78 g/ft = (D)
4"/9" = 1.33 G/FT = (D)
4"/8¼" = 1.19 G/FT = (D)
4"/10¼" = 1.51 G/FT = (D)
A - B = C
Water Column Height (feet) (C) 15.71
Distance between TOC and ground surface = (+/-)
(1 borehole volume)
x 1.5 = (E)
(1.5 borehole volume)
Approx. Min. Purge Vol. (gallons)

Water Level Measurement Equip.: ☐ Heron H. 01L 150' ☐ Water Line ☐ Heron Dipper T Cleaned
Purging Method/Equipment: ☐ xp-100 Pump ☐ Quickie Bailer ☒ Hand Bailer Cleaned N/A

Sampling Equipment: Bailer ☒ PVC ☐ SS ☐ Low Flow ☐ Pumps ☐ Dedicated/Non-dedicated ☐ Peristaltic Pump

Sampling Method/Equipment: DISPOSABLE BAILER
Bailer Rope-New or cleaned?: NEW
Sampled By: GC/LW
Sample Time: 12:39 pm
Sample ID: MW2-GW-2

PARAMETER	USEPA METHOD	CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic	PRESERVATIVES

Time (24 hr)	PURGE VOL. (gallons)	pH	COND. ~~(µS/cm)~~ S/M	TURBIDITY (NTU)	TEMP. ~~(µS/cm)~~ °C	DO	SALINITY	Comments (color, odor, sheen, etc.)
12:20	2.8	7.01	0.405	340	28			
12:30	5.2	6.98	0.407	361	27.5			
12:35	7.8	7.00	0.408	368	27.4			

Depth to Water After Purging (ft) = (F)

TIME (24 HR)	DEPTH TO WATER (ft)	RESIDUAL DRAWDOWN (ft)	PERCENT RECOVERY
T_1 12:12	G_1 18.90	H_1	I_1
T_2 12:21	G_2 18.95	H_2	I_2
T_3 12:30	G_3 18.99	H_3	I_3
T_4 12:36	G_4 18.98	H_4	I_4

Total Vol. Purged (gal): 7.8
Max. Drawdown: (J)
Time Finished Purging:

$A - B = C$; $G_x - B = H_x$; $F - B = J$; $\frac{H_x}{r} - 1 \times 100 = I_x$; $\frac{I_x - I_1}{T_x - T_1} \times 120 =$ % recovery in 2 hrs.

Groundwater Sampling Field Data Sheet

Project Name: CORNERSTONE
Project No.: 61801
Monitoring Well ID: MW-3
Date: 9/29/2005
By: GC/LW
Weather/Site Conditions:
Site Location: HENDERSON, NV

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): (A) 29.90
Total Depth (ft-TOC): (B) 14.35
LNAPL Observed ☐ Yes ☒ No
LNAPL Thickness
DNAPL Observed ☐ Yes ☒ No
DNAPL Thickness
2"/8¼" = 0.78 g/ft = (D)
4"/9" = 1.33 G/FT = (D)
4"/8¼" = 1.19 G/FT = (D)
4"/10¼" = 1.51 G/FT = (D)
A - B = C
Water Column Height (feet) (C) 15.55
Distance between TOC and ground surface = (+/-)
(1 borehole volume)
x 1.5 = (E)
(1.5 borehole volume)
Approx. Min. Purge Vol. (gallons)

Water Level Measurement Equip.: ☐ Heron H. 01L 150' ☐ Water Line ☐ Heron Dipper T Cleaned
Purging Method/Equipment: ☐ xp-100 Pump ☐ Quickie Bailer ☒ Hand Bailer Cleaned N/A

Sampling Equipment: Bailer ☒ PVC ☐ SS ☐ Low Flow ☐ Pumps ☐ Dedicated/Non-dedicated ☐ Peristaltic Pump

Sampling Method/Equipment: DISPOSABLE BAILER
Bailer Rope-New or cleaned?: NEW
Sampled By: GC/LW
Sample Time: 10:23 / 10:20
Sample ID: MW3-GW-3 / MW7-GW-7 (DUP.)

PARAMETER	USEPA METHOD	CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic	PRESERVATIVES

Time (24 hr)	PURGE VOL. (gallons)	pH	COND. (µS/cm) S/m	TURBIDITY (NTU)	TEMP. (µS/cm) °C	DO	SALINITY	Comments (color, odor, sheen, etc.)
9:45	2.5	6.53	0.235	230	23.5			
10:00	5.0	6.45	0.249	206	22.9			
10:10	8.0	6.20	0.257	148	22.9			

Depth to Water After Purging (ft) = (F)

TIME (24 HR)	DEPTH TO WATER (ft)	RESIDUAL DRAWDOWN (ft)	PERCENT RECOVERY
T_1 9:45	G_1 14.43	H_1	I_1
T_2 10:00	G_2 14.44	H_2	I_2
T_3 10:10	G_3 14.50	H_3	I_3
T_4	G_4	H_4	I_4

Total Vol. Purged (gal): 7.46
Max. Drawdown: (J)
Time Finished Purging:

$A - B = C$; $G_x - B = H_x$; $F - B = J$; $\frac{H_x}{r} - 1 \times 100 = I_x$; $\frac{I_x - I_1}{T_x - T_1} \times 120 =$ % recovery in 2 hrs.

Groundwater Sampling Field Data Sheet

Project Name: CORNERSTONE
Project No.: 61801
Monitoring Well ID: MW-4
Date: 9/29/2005 By: GC/LW
Weather/Site Conditions:
Site Location: HENDERSON, NV

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): (A) 19.29
Total Depth (ft-TOC): (B) 2.14
LNAPL Observed ☐ Yes ☒ No
LNAPL Thickness
DNAPL Observed ☐ Yes ☒ No
DNAPL Thickness
2"/8¼" = 0.78 g/ft = (D)
4"/9" = 1.33 G/FT = (D)
4"/8¼" = 1.19 G/FT = (D)
4"/10¼" = 1.51 G/FT = (D)
A - B = C
Water Column Height (feet) (C) 17.15
Distance between TOC and ground surface = (+/-)
(1 borehole volume)
x 1.5 = (E)
(1.5 borehole volume)
Approx. Min. Purge Vol. (gallons)

Water Level Measurement Equip.: ☐ Heron H. 01L 150' ☐ Water Line ☐ Heron Dipper T Cleaned
Purging Method/Equipment: ☐ xp-100 Pump ☐ Quickie Bailer ☒ Hand Bailer Cleaned N/A

Sampling Equipment: Bailer ☒ PVC ☐ SS ☐ Low Flow ☐ Pumps ☐ Dedicated/Non-dedicated ☐ Peristaltic Pump

Sampling Method/Equipment: DISPOSABLE BAILER
Bailer Rope-New or cleaned?: NEW
Sampled By: GC/LW
Sample Time: 9:20 am
Sample ID: MW4-GW-4

PARAMETER	USEPA METHOD	CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic	PRESERVATIVES

Time (24 hr)	PURGE VOL. (gallons)	pH	COND. (µS/cm) S/m	TURBIDITY (NTU)	TEMP. (µS/cm) °C	DO	SALINITY	Comments (color, odor, sheen, etc.)
9:08	3.0	5.63	0.390	767	25.3			
9:15	6.0	5.64	0.330	868	25.3			
9:20	9.0	5.63	0.330	973	25.6			

Depth to Water After Purging (ft) = (F)

TIME (24 HR)	DEPTH TO WATER (ft)	RESIDUAL DRAWDOWN (ft)	PERCENT RECOVERY
T_1 9:00	G_1 2.14	H_1	I_1
T_2 9:08	G_2 2.21	H_2	I_2
T_3 9:15	G_3 2.25	H_3	I_3
T_4 9:20	G_4 2.25	H_4	I_4

Total Vol. Purged (gal): 8.23
Max. Drawdown: (J)
Time Finished Purging:

$A - B = C$; $G_x - B = H_x$; $F - B = J$; $\frac{H_x}{r} - 1 \times 100 = I_x$; $\frac{I_x - I_1}{T_x - T_1} \times 120 =$ % recovery in 2 hrs.

Groundwater Sampling Field Data Sheet

Project Name: CORNERSTONE
Project No.: 61801
Monitoring Well ID: MW-5
Date: 9/29/2005 By: GC/LW
Weather/Site Conditions:
Site Location: HENDERSON, NV

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): (A) 22.75
Total Depth (ft-TOC): (B) 8.01
LNAPL Observed ☐ Yes ☒ No
LNAPL Thickness
DNAPL Observed ☐ Yes ☒ No
DNAPL Thickness
2"/8¼"= 0.78 g/ft = (D)
4"/9" = 1.33 G/FT = (D)
4"/8¼" = 1.19 G/FT = (D)
4"/10¼" = 1.51 G/FT = (D)
A - B = C
Water Column Height (feet) (C) 14.74
x 1.5 = (E)
(1 borehole volume)
(1.5 borehole volume)
Approx. Min. Purge Vol. (gallons)
Distance between TOC and ground surface = (+/-)

Water Level Measurement Equip.: ☐ Heron H. 01L 150' ☐ Water Line ☐ Heron Dipper T Cleaned
Purging Method/Equipment: ☐ xp-100 Pump ☐ Quickie Bailer ☒ Hand Bailer Cleaned N/A

Sampling Equipment: Bailer ☒ PVC ☐ SS ☐ Low Flow ☐ Pumps ☐ Dedicated/Non-dedicated ☐ Peristaltic Pump

Sampling Method/Equipment: DISPOSABLE BAILER
Bailer Rope-New or cleaned?: NEW
Sampled By: GC/LW
Sample Time: 8:25 am
Sample ID: MW5-GW-5

PARAMETER	USEPA METHOD	CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic	PRESERVATIVES

Time (24 hr)	PURGE VOL. (gallons)	pH	COND. (µS/cm) mS/M	TURBIDITY (NTU)	TEMP. (µS/cm) °C	DO	SALINITY	Comments (color, odor, sheen, etc.)
8:10	2.5	5.59	0.806	-5.0	24.1			
8:20	5.0	5.53	0.800	-5.0	23.6			
8:25	7.08	5.51	0.813	-5.0	23.8			

Depth to Water After Purging (ft) = (F)

TIME (24 HR)	DEPTH TO WATER (ft)	RESIDUAL DRAWDOWN (ft)	PERCENT RECOVERY
T_1 8:00	G_1 8.01	H_1	I_1
T_2 8:10	G_2 9.41	H_2	I_2
T_3 8:20	G_3 9.25	H_3	I_3
T_4 8:25	G_4 8.95	H_4	I_4

Total Vol. Purged (gal): 7.08
Max. Drawdown: (J)
Time Finished Purging:

$A - B = C$; $G_x - B = H_x$; $F - B = J$; $\frac{H_x}{r} - 1 \times 100 = I_x$; $\frac{I_x - I_1}{T_x - T_1} \times 120 =$ % recovery in 2 hrs.

Groundwater Sampling Field Data Sheet

Project Name: CORNERSTONE
Project No.: 61801
Monitoring Well ID: MW-6
Date: 9/29/2005 By: GC/LW
Weather/Site Conditions:
Site Location: HENDERSON, NV

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): (A) 18.71
Total Depth (ft-TOC): (B) 1.05
LNAPL Observed ☐ Yes ☒ No
LNAPL Thickness
DNAPL Observed ☐ Yes ☒ No
DNAPL Thickness
2"/8¼"= 0.78 g/ft = (D)
4"/9" = 1.33 G/FT = (D)
4"/8¼" = 1.19 G/FT = (D)
4"/10¼" = 1.51 G/FT = (D)
A - B = C
Water Column Height (feet) (C) 17.66
Distance between TOC and ground surface = (+/-)
(1 borehole volume)
x 1.5 = (E)
(1.5 borehole volume)
Approx. Min. Purge Vol. (gallons)

Water Level Measurement Equip.: ☐ Heron H. 01L 150' ☐ Water Line ☐ Heron Dipper T Cleaned
Purging Method/Equipment: ☐ xp-100 Pump ☐ Quickie Bailer ☒ Hand Bailer Cleaned N/A

Sampling Equipment: Bailer ☒ PVC ☐ SS ☐ Low Flow ☐ Pumps ☐ Dedicated/Non-dedicated ☐ Peristaltic Pump

Sampling Method/Equipment: DISPOSABLE BAILER
Bailer Rope-New or cleaned?: NEW
Sampled By: GC/LW
Sample Time: 11:47 am
Sample ID: MW6-GW-6

PARAMETER	USEPA METHOD	CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic	PRESERVATIVES

Time (24 hr)	PURGE VOL. (gallons)	pH	COND. (µS/cm) S/m	TURBIDITY (NTU)	TEMP. (µS/cm) °C	DO	SALINITY	Comments (color, odor, sheen, etc.)
11:34	3.0	6.45	0.524	773	25.9			
11:40	6.0	6.49	0.527	870	25.6			
11:45	9.0	6.52	0.512	866	25.8			

Depth to Water After Purging (ft) = (F)

TIME (24 HR)	DEPTH TO WATER (ft)	RESIDUAL DRAWDOWN (ft)	PERCENT RECOVERY
T_1 11:30	G_1 1.05	H_1	I_1
T_2 11:34	G_2 1.15	H_2	I_2
T_3 11:40	G_3 1.07	H_3	I_3
T_4 11:45	G_4 1.06	H_4	I_4

Total Vol. Purged (gal): 8.5
Max. Drawdown: (J)
Time Finished Purging:

$A - B = C$; $G_x - B = H_x$; $F - B = J$; $\frac{H_x}{r} - 1 \times 100 = I_x$; $\frac{I_x - I_1}{T_x - T_1} \times 120 =$ % recovery in 2 hrs.

LEO DROZDOFF, *Administrator*

(775) 687-4670
Administration
Facsimile 687-5856

Water Quality Planning
Water Pollution Control
Facsimile 687-4684
Safe Drinking Water
Facsimile 687-5699

Mining Regulation & Reclamation
Facsimile 684-5259

State of Nevada
KENNY C. GUINN
Governor

ALLEN BIAGGI, *Director*

Air Pollution Control
Air Quality Planning
Facsimile 687-6396

Waste Management
Federal Facilities

Corrective Actions
Facsimile 687-8335

NDEP.nv.gov

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

July 29, 2005

Mr. Robert Troisi
Ninyo & Moore
6700 Paradise Road, Suite E
Las Vegas, NV 89119

re: Phase II Environmental Site Assessment Report receipt and approval
Cornerstone Redevelopment Area, Henderson
Facility ID # H-000085

Dear Mr. Troisi,

The Nevada Division of Environmental Protection, Brownfields Program has received and reviewed a copy of the referenced report prepared by your office and dated June 30, 2005. The report was prepared and submitted as part of a Brownfields assessment project undertaken by the Nevada Brownfields Program on behalf of the City of Henderson. The report documents activities undertaken through a Scope of Services approved on December 9, 2003 under the State Brownfields Contract between the NDEP and Ninyo & Moore. We are accepting the document as presented. Report preparation represented the final task of the approved Scope of Services; as such, the approval of the report should serve as documentation that Ninyo & Moore has **successfully satisfied** all elements of the Scope of Services. We are requesting that Ninyo & Moore submit all final invoices and bill for project retention at this time.

It should be noted that approval of the report, as a deliverable under the Nevada Brownfields Program, does not constitute concurrence with the report's recommendation for future activities. We have set up a meeting with the City of Henderson to discuss the findings of the report and to determine any necessary actions.

If you have any questions, please feel free to contact me at (775) 687-9384

Sincerely,

Scott Smale
Bureau of Corrective Actions

cc: Keli Stoeffler, BCA
Lisa Fleming, OFPM
Brenda Pohlmann, City of Henderson, Environmental Programs Manager, 240 Water Street, PO Box 95050, Henderson, NV 89009
Gregory Beck, Ninyo & Moore, 6700 Paradise Road, Suite E, Las Vegas, NV 89119

APPENDIX B

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Del Mar Analytical

LABORATORY REPORT

Prepared For: Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project: Cornerstone

Sampled: 09/29/05
Received: 09/30/05
Issued: 10/07/05 15:42

NELAP #01109CA Nevada #AZ907

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

LABORATORY ID	CLIENT ID	MATRIX
POI0822-01	MW1-GW-1	Water
POI0822-02	MW2-GW-2	Water
POI0822-03	MW3-GW-3	Water
POI0822-04	MW4-GW-4	Water
POI0822-05	MW5-GW-5	Water
POI0822-06	MW6-GW-6	Water
POI0822-07	MW7-GW-7	Water
POI0822-08	W1-SW-2-1	Water
POI0822-09	W1-SW-10-2	Water
POI0822-10	W2-SW-2-3	Water
POI0822-11	W2-SW-10-4	Water
POI0822-12	W3-SW-2-5	Water
POI0822-13	W3-SW-10-6	Water
POI0822-14	W4-SW-2-7	Water
POI0822-15	W6-SW-2-9	Water
POI0822-16	W5-SW-2-8	Water

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Del Mar Analytical

Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

SAMPLE RECEIPT:	Samples were received intact, at 1°C, on ice and with chain of custody documentation.
HOLDING TIMES:	All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.
PRESERVATION:	Samples requiring preservation were verified prior to sample analysis.
QA/QC CRITERIA:	All analyses met method criteria, except as noted in the report with data qualifiers.
COMMENTS:	No significant observations were made.
SUBCONTRACTED:	Refer to the last page for specific subcontract laboratory information included in this report.

Reviewed By:

Karen Maxwell

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

Del Mar Analytical

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: POI0822-01 (MW1-GW-1 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	10	**55**	5	10/3/2005	10/3/2005	M2
Sample ID: POI0822-02 (MW2-GW-2 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	4.0	**30**	2	10/3/2005	10/3/2005	
Sample ID: POI0822-03 (MW3-GW-3 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	10	**56**	5	10/3/2005	10/3/2005	
Sample ID: POI0822-04 (MW4-GW-4 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	4.0	**45**	2	10/3/2005	10/3/2005	
Sample ID: POI0822-05 (MW5-GW-5 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	4.0	**28**	2	10/3/2005	10/3/2005	
Sample ID: POI0822-06 (MW6-GW-6 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	10	**64**	5	10/3/2005	10/3/2005	
Sample ID: POI0822-07 (MW7-GW-7 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	10	**54**	5	10/3/2005	10/3/2005	
Sample ID: POI0822-08 (W1-SW-2-1 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J03054	4.0	**20**	2	10/3/2005	10/3/2005	
Sample ID: POI0822-09 (W1-SW-10-2 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**24**	2	10/4/2005	10/4/2005	
Sample ID: POI0822-10 (W2-SW-2-3 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**22**	2	10/4/2005	10/4/2005	

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Del Mar Analytical

Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: POI0822-11 (W2-SW-10-4 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**23**	2	10/4/2005	10/4/2005	
Sample ID: POI0822-12 (W3-SW-2-5 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**23**	2	10/4/2005	10/4/2005	
Sample ID: POI0822-13 (W3-SW-10-6 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**21**	2	10/4/2005	10/4/2005	
Sample ID: POI0822-14 (W4-SW-2-7 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**19**	2	10/4/2005	10/4/2005	
Sample ID: POI0822-15 (W6-SW-2-9 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	4.0	**22**	2	10/4/2005	10/4/2005	
Sample ID: POI0822-16 (W5-SW-2-8 - Water)								
Reporting Units: ug/l								
Perchlorate	EPA 314.0	5J04065	2.0	ND	1	10/4/2005	10/4/2005	

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

Del Mar Analytical

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: MW1-GW-1 (POI0822-01) - Water					
EPA 300.0	2	09/29/2005 11:05	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 18:40
Sample ID: MW2-GW-2 (POI0822-02) - Water					
EPA 300.0	2	09/29/2005 12:39	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 11:51
Sample ID: MW3-GW-3 (POI0822-03) - Water					
EPA 300.0	2	09/29/2005 10:23	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 12:06
Sample ID: MW4-GW-4 (POI0822-04) - Water					
EPA 300.0	2	09/29/2005 09:20	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 20:15
Sample ID: MW5-GW-5 (POI0822-05) - Water					
EPA 300.0	2	09/29/2005 08:25	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 12:38
Sample ID: MW6-GW-6 (POI0822-06) - Water					
EPA 300.0	2	09/29/2005 11:47	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 21:49
Sample ID: MW7-GW-7 (POI0822-07) - Water					
EPA 300.0	2	09/29/2005 10:20	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 13:09
Sample ID: W1-SW-2-1 (POI0822-08) - Water					
EPA 300.0	2	09/29/2005 08:25	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 13:25
Sample ID: W1-SW-10-2 (POI0822-09) - Water					
EPA 300.0	2	09/29/2005 08:40	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 13:41
Sample ID: W2-SW-2-3 (POI0822-10) - Water					
EPA 300.0	2	09/29/2005 09:15	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 15:16
Sample ID: W2-SW-10-4 (POI0822-11) - Water					
EPA 300.0	2	09/29/2005 09:25	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 15:31
Sample ID: W3-SW-2-5 (POI0822-12) - Water					
EPA 300.0	2	09/29/2005 09:38	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 15:47
Sample ID: W3-SW-10-6 (POI0822-13) - Water					
EPA 300.0	2	09/29/2005 09:45	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:03
Sample ID: W4-SW-2-7 (POI0822-14) - Water					
EPA 300.0	2	09/29/2005 10:10	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:19
Sample ID: W6-SW-2-9 (POI0822-15) - Water					
EPA 300.0	2	09/29/2005 08:29	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:34
Sample ID: W5-SW-2-8 (POI0822-16) - Water					
EPA 300.0	2	09/29/2005 10:20	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:50

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

Del Mar Analytical

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P5I3008 Extracted: 09/30/05										
Blank Analyzed: 09/30/2005 (P5I3008-BLK1)										
Nitrate-N	ND	0.10	mg/l							
Sulfate	ND	0.50	mg/l							
Chloride	ND	0.50	mg/l							
LCS Analyzed: 09/30/2005 (P5I3008-BS1)										
Chloride	4.93	0.50	mg/l	5.00		99	90-110			
Nitrate-N	2.55	0.10	mg/l	2.50		102	90-110			
Sulfate	5.12	0.50	mg/l	5.00		102	90-110			
LCS Dup Analyzed: 09/30/2005 (P5I3008-BSD1)										
Nitrate-N	2.55	0.10	mg/l	2.50		102	90-110	0	15	
Sulfate	5.13	0.50	mg/l	5.00		103	90-110	0	15	
Chloride	4.93	0.50	mg/l	5.00		99	90-110	0	15	
Matrix Spike Analyzed: 09/30/2005 (P5I3008-MS1)					**Source: POI0822-02RE1**					
Nitrate-N	25.5	1.0	mg/l	25.0	1.6	96	80-120			
Sulfate	1230	5.0	mg/l	50.0	1300	-140	80-120			*M2*
Chloride	319	5.0	mg/l	50.0	320	-2	80-120			*M2*
Matrix Spike Analyzed: 09/30/2005 (P5I3008-MS2)					**Source: POI0822-12RE1**					
Chloride	299	5.0	mg/l	50.0	270	58	80-120			*M2*
Nitrate-N	32.1	1.0	mg/l	25.0	5.4	107	80-120			
Sulfate	1290	5.0	mg/l	50.0	1300	-20	80-120			*M2*
Matrix Spike Dup Analyzed: 09/30/2005 (P5I3008-MSD1)					**Source: POI0822-02RE1**					
Sulfate	1250	5.0	mg/l	50.0	1300	-100	80-120	2	15	*M2*
Nitrate-N	26.3	1.0	mg/l	25.0	1.6	99	80-120	3	15	
Chloride	324	5.0	mg/l	50.0	320	8	80-120	2	15	*M2*

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

Del Mar Analytical

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
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Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P5I3008 Extracted: 09/30/05										
Matrix Spike Dup Analyzed: 09/30/2005 (P5I3008-MSD2)					**Source: POI0822-12RE1**					
Chloride	271	5.0	mg/l	50.0	270	2	80-120	10	15	*M2*
Nitrate-N	29.2	1.0	mg/l	25.0	5.4	95	80-120	9	15	
Sulfate	1180	5.0	mg/l	50.0	1300	-240	80-120	9	15	*M2*
Batch: P5J0103 Extracted: 10/01/05										
Blank Analyzed: 10/01/2005 (P5J0103-BLK1)										
Total Dissolved Solids	ND	20	mg/l							
LCS Analyzed: 10/01/2005 (P5J0103-BS1)										
Total Dissolved Solids	402	20	mg/l	400		100	80-115			
LCS Dup Analyzed: 10/01/2005 (P5J0103-BSD1)										
Total Dissolved Solids	392	20	mg/l	400		98	80-115	3	10	
Duplicate Analyzed: 10/01/2005 (P5J0103-DUP1)					**Source: POI0822-02**					
Total Dissolved Solids	3360	100	mg/l		3400			1	10	
Duplicate Analyzed: 10/01/2005 (P5J0103-DUP2)					**Source: POI0822-12**					
Total Dissolved Solids	3250	100	mg/l		3200			2	10	

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

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Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone
Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J03054 Extracted: 10/03/05										
Blank Analyzed: 10/03/2005 (5J03054-BLK1)										
Perchlorate	ND	2.0	ug/l							
LCS Analyzed: 10/03/2005 (5J03054-BS1)										
Perchlorate	48.5	2.0	ug/l	50.0		97	85-115			
Matrix Spike Analyzed: 10/03/2005 (5J03054-MS1)					**Source: POI0822-01**					
Perchlorate	91.1	10	ug/l	50.0	55	72	80-120			*M2*
Matrix Spike Dup Analyzed: 10/03/2005 (5J03054-MSD1)					**Source: POI0822-01**					
Perchlorate	93.9	10	ug/l	50.0	55	78	80-120	3	20	*M2*
Batch: 5J04065 Extracted: 10/04/05										
Blank Analyzed: 10/04/2005 (5J04065-BLK1)										
Perchlorate	ND	2.0	ug/l							
LCS Analyzed: 10/04/2005 (5J04065-BS1)										
Perchlorate	45.9	2.0	ug/l	50.0		92	85-115			
Matrix Spike Analyzed: 10/04/2005 (5J04065-MS1)					**Source: POI0822-16**					
Perchlorate	46.7	2.0	ug/l	50.0	ND	93	80-120			
Matrix Spike Dup Analyzed: 10/04/2005 (5J04065-MSD1)					**Source: POI0822-16**					
Perchlorate	46.2	2.0	ug/l	50.0	ND	92	80-120	1	20	

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

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6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

Del Mar Analytical

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Kleinfelder, Inc. - Las Vegas
6380 S. Polaris Ave
Las Vegas, NV 89118
Attention: Gary Carter

Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05
Received: 09/30/05

Certification Summary

Del Mar Analytical - Phoenix

Method	Matrix	Nelac	Nevada
EPA 300.0	Water		X
EPA 314.0	Water		
SM2540C	Water		X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Subcontracted Laboratories

Del Mar Analytical *NELAC Cert #01108CA, California Cert #1197, Arizona Cert #AZ0671, Nevada Cert #CA72-2002-63*

17461 Derian Ave. Suite 100 - Irvine, CA 92614

Method Performed: EPA 314.0

Samples: POI0822-01, POI0822-02, POI0822-03, POI0822-04, POI0822-05, POI0822-06, POI0822-07, POI0822-08, POI0822-09, POI0822-10, POI0822-11, POI0822-12, POI0822-13, POI0822-14, POI0822-15, POI0822-16

Sierra Environmental Monitoring, Inc.

1135 Financial Blvd. - Reno, NV 89502

Analysis Performed: Chlorate (300.1) - O

Samples: POI0822-01, POI0822-02, POI0822-03, POI0822-04, POI0822-05, POI0822-06, POI0822-07, POI0822-08, POI0822-09, POI0822-10, POI0822-11, POI0822-12, POI0822-13, POI0822-14, POI0822-15, POI0822-16

Del Mar Analytical - Phoenix
Karen Maxwell For Linda Eshelman
Project Manager

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
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LOI 0110-POI 0822

CHAIN OF CUSTODY FORM

Client Name/Address:	Project/PO Number:
Kleinfelder	Cornerstone
Project Manager: Gary Carter	**Phone Number:** 736-2936
Sampler: G. Carter, Lisa Warren	**Fax Number:** 361-9094

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: C104	Analysis Required: NO3, Cl, SO4, TDS, C103	Special Instructions
MW1-GW-1	GW	P	3	9/29/05	1105	—	X	X	POI PO 0822-1
MW2-GW-2					1239	—	X	X	-2 Lab QC sample
MW3-GW-3					1023	—	X	X	-3
MW4-GW-4					0920	—	X	X	-4 C104-PM01
MW5-GW-5					0825	—	X	X	-5 C103-SEM
MW6-GW-6					1147	—	X	X	-6
MW7-GW-7					1020	—	X	X	-7
W1-SW-2-1	SW				0826		X	X	-8
W1-SW-10-2					0840		X	X	-9
W2-SW-2-3					0915		X	X	-10
W2-SW-10-4					0925		X	X	-11
W3-SW-2-5					0938		X	X	-12 Lab QC
W3-SW-10-6					0945		X	X	-13
W4-SW-2-7					1010		X	X	-14

Level IV Data Package required per G. Carter

Relinquished By:	Date /Time: 9/29/05	Received by:	Date /Time: 9/29/05 13:42
Relinquished By:	Date /Time: 9/29/05 17:00	Received by:	Date /Time: 9/30/05
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time: 9/30/05 0800

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal 10 DAY TAT

Sample Integrity: (Check)
intact ✓ on ice 0.7°

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CA O/N

0.7°

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Del Mar Analytical

LOI0110 - PO10822

CHAIN OF CUSTODY FORM

Client Name/Address: Kleinfelder

Project/PO Number: Cornerstone

Project Manager: Gary Carter

Phone Number:

Sampler:

Fax Number:

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	ClO_4	NO_3, Cl, SO_4 TDS, ClO_3							Special Instructions
W6-SW-2-9	SW	P	3	9/29/05	0829	—	X	X		PO10822 - IS					ClO_4-DMA1
W5-SW-2-8	1	1	1	1	10:20	—	X	X		- added per G. Carter					ClO_3-SEM-16

Relinquished By: Amy A.	Date /Time: 9/29/05 13:42	Received by:	Date /Time: 9/29/05 13:42
Relinquished By:	Date /Time: 9/29/05 17:00	Received by:	Date /Time: 9/30/5
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time: 9/30/5 0800

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal XIDDAY OFF

Sample Integrity: (Check)
intact ✓ on ice 6.7°

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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Del Mar Analytical

CHAIN OF CUSTODY FORM

IOI2122 Page 1 of 2

Client Name/Address:	Project/PO Number:
DMAP	PO TO822
Project Manager: Linda Eshelman	**Phone Number:** (480) 785-0043
Sampler:	**Fax Number:** (480) 785-0851

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: C10H	Special Instructions
PO TO822-01	GW		1	9/29/05	11:05	X	X	DMA1
PO TO822-02					12:39		X	
PO TO822-03					10:23		X	
PO TO822-04					9:20		X	
PO TO822-05					8:25		X	
PO TO822-06					11:47		X	
PO TO822-07					10:20		X	
PO TO822-08	SW				8:25		X	
PO TO822-09					8:40		X	
PO TO822-10					9:15		X	
PO TO822-11					9:25		X	GF
PO TO822-12					9:38		X	
PO TO822-13					9:45		X	
PO TO822-14					10:10		Y	

Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Received by: Date /Time:

Received by: Date /Time:

Received in Lab by: Fedex 9-30-05 10:00

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days X 10/6/05
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓ 2°C

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Del Mar Analytical

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CHAIN OF CUSTODY FORM

Client Name/Address:	Project/PO Number:
DMAP	POTO822
Project Manager: Linda Eshelman	Phone Number:
Sampler:	Fax Number:

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: 8104	Special Instructions
POTO822-15	SW	poly	1	9/29	8:29	X	X	DMA 1
POTO822-16	1	1	1	1	10:20	X	X	

Relinquished By:	Date /Time:	Received by:	Date /Time:
[illegible]	9/30/05 17:00	[illegible]	
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by: [illegible]	Date /Time: 9.30.05 10:00

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days X 10/6/05
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓ 2°C

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Laboratory Report
Report ID: 71178

Sierra Environmental Monitoring, Inc.

Del Mar Analytical
Attn: Linda Eshelman
9830 South 51th Street, Ste B-120
Phoenix, Arizona 85044

Date: 10/7/2005
Client: DMR-101
Taken by: Client
PO #: POI0822

Dear Linda Eshelman,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

General Comments:

- There are no general comments for this report.

Individual Sample Comments:

- There are no specific comments that are associated with these samples.

Approved By:

Sierra Environmental Monitoring, Inc.

Date:

10/7/2005

John Kobza, Ph.D.
Laboratory Director

1135 Financial Blvd.
Reno, NV 89502-2348
Phone (775) 857-2400
FAX (775) 857-2404
sem@sem-analytical.com

John C. Seher
Special Consultant
Quality Assurance Manager

Laboratory Report
Report ID: 71178

Sierra Environmental Monitoring, Inc.

Del Mar Analytical
Attn: Linda Eshelman
9830 South 51th Street, Ste B-120
Phoenix, Arizona 85044

Date: 10/7/2005
Client: DMR-101
Taken by: Client
PO #: POI0822

Analysis Report

Sample ID: S200509-1957 | **Customer Sample ID** POI0822-01 | **Date Sampled** 9/29/2005 | **Time Sampled** 11:05 AM | **Date Received** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1958 | **Customer Sample ID** POI0822-02 | **Date Sampled** 9/29/2005 | **Time Sampled** 12:39 PM | **Date Received** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1959 | **Customer Sample ID** POI0822-03 | **Date Sampled** 9/29/2005 | **Time Sampled** 10:23 AM | **Date Received** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1960 | **Customer Sample ID** POI0822-04 | **Date Sampled** 9/29/2005 | **Time Sampled** 9:20 AM | **Date Received** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

John Kobza, Ph.D.
Laboratory Director

1135 Financial Blvd.
Reno, NV 89502-2348
Phone (775) 857-2400
FAX (775) 857-2404
sem@sem-analytical.com

John C. Seher
Special Consultant
Quality Assurance Manager

Laboratory Report
Report ID: 71178

Sierra Environmental Monitoring, Inc.

Del Mar Analytical
Attn: Linda Eshelman
9830 South 51th Street, Ste B-120
Phoenix, Arizona 85044

Date: 10/7/2005
Client: DMR-101
Taken by: Client
PO #: POI0822

Analysis Report

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200509-1961	POI0822-05	9/29/2005	8:25 AM	9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200509-1962	POI0822-06	9/29/2005	11:47 AM	9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200509-1963	POI0822-07	9/29/2005	10:20 AM	9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID:	Customer Sample ID	Date Sampled	Time Sampled	Date Received
S200509-1964	POI0822-08	9/29/2005	8:25 AM	9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

John Kobza, Ph.D.
Laboratory Director

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FAX (775) 857-2404
sem@sem-analytical.com

John C. Seher
Special Consultant
Quality Assurance Manager

Laboratory Report
Report ID: 71178

Sierra Environmental Monitoring, Inc.

Del Mar Analytical
Attn: Linda Eshelman
9830 South 51th Street, Ste B-120
Phoenix, Arizona 85044

Date: 10/7/2005
Client: DMR-101
Taken by: Client
PO #: POI0822

Analysis Report

Sample ID: S200509-1965 | **Customer Sample ID:** POI0822-09 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 8:40 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1966 | **Customer Sample ID:** POI0822-10 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 9:15 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1967 | **Customer Sample ID:** POI0822-11 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 9:25 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1968 | **Customer Sample ID:** POI0822-12 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 9:38 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

John Kobza, Ph.D.
Laboratory Director

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Reno, NV 89502-2348
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Phoenix, Arizona 85044

Date: 10/7/2005
Client: DMR-101
Taken by: Client
PO #: POI0822

Analysis Report

Sample ID: S200509-1969 | **Customer Sample ID:** POI0822-13 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 9:45 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1970 | **Customer Sample ID:** POI0822-14 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 10:10 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1971 | **Customer Sample ID:** POI0822-15 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 8:29 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Sample ID: S200509-1972 | **Customer Sample ID:** POI0822-16 | **Date Sampled:** 9/29/2005 | **Time Sampled:** 10:20 AM | **Date Received:** 9/30/2005

Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Chlorate	EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	

Data Flag Legend:

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Phoenix, Arizona 85044

Date: 10/7/2005
Client: DMR-101
Taken by: Client
PO #: POI0822

Quality Control Report

Parameter	*LCS, % Recovery*	*MS, % Recovery*	*MSD, % Recovery*	*RPD, %*	*Method Blank*	
Chlorate	102.0	105.0	100.0	4.88	<0.5	mg/L

Legend: *LCS- Laboratory Control Standard* *MS- Matrix Spike* *MSD- Matrix Spike Duplicate*
RPD- Relative Percent Difference

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John C. Seher
Special Consultant
Quality Assurance Manager

Del Mar Analytical
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8595 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd., Suite 3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

7178

CHAIN OF CUSTODY FORM

Client Name/Address:
Del Mar
9830 S 51st St B-120
Phoenix, AZ, 85044

Project/PO Number:
P0I0822

Project Manager:
Linda Eshelman

Phone Number:
(480) 785-0043

Sampler:

Fax Number:
(480) 785-0851

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives
P0I0822-01	GW	250P	1	9/29/05	11:05	X
P0I0822-02					12:39	
P0I0822-03					10:23	
P0I0822-04					9:20	
P0I0822-05					6:25	
P0I0822-06					11:47	
P0I0822-07					10:20	
P0I0822-08	SW				8:25	
P0I0822-09					8:40	
P0I0822-10					9:15	
P0I0822-11					9:25	
P0I0822-12					9:38	
P0I0822-13					9:45	
P0I0822-14					10:10	

Analysis Required: Chlorate (C103)

Special Instructions: SEM

Relinquished By: [signature] Date /Time: 9/29/05 17:00 via Fedex

Received by: Date /Time:

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Fed Ex # 7901 7114 7714 Date /Time: 9/30/05 1015

Received in Lab by: [signature] Date /Time: 9/30/05 1015

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X 10/12/05

Sample Integrity: (Check) Custody Seal Intact X on ice X 2°C

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

2652 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
7277 Haywenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
3930 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd., Suite 3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Del Mar Analytical

CHAIN OF CUSTODY FORM

Client Name/Address: Del Mar Phoenix

Project/PO Number: POI0822

Project Manager: Linda Eshelman

Phone Number: (480) 785-0043

Sampler:

Fax Number: (480) 785-0851

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: C103	Special Instructions
POI0822-15	W	250P	1	9/29/05	8:29	—	X	SEM
POI0822-16	I	4	1	1	10:00	—	X	

Relinquished By: [signature] Date /Time: 9/29/05 17:00 via FedEx

Received by: Date /Time:

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Fed Ex #7901 7114 7714 Date /Time: 9/30/05 1015

Received in Lab by: [signature] Date /Time: 9/30/05 1015

Turnaround Time. (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X 10/12/05

Sample Integrity: (Check) Custody Seal intact
intact X on ice X 2°C

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.